

## REMARKS

Claims 1-2, 4-6, 8-10 and 12-36 are pending. Claims 13, 17, 21, 25, 29 and 33 are amended herein. Support for the claim amendments is found at least on page 12, lines 25-31, of the instant specification.

### 102 Rejections

The instant Office Action states that Claims 1-2, 4-6, 8-10 and 12-36 are rejected under 35 U.S.C. § 102(e) as being anticipated by Smith et al. ("Smith," U.S. Patent No. 6,470,493). The Applicants have reviewed the cited reference and respectfully submit that the present invention as recited in Claims 1-2, 4-6, 8-10 and 12-36 is not anticipated nor rendered obvious by Smith.

Independent Claims 1, 5, 9, 13, 21 and 29 recite an application program interface (API) which performs a specific function, namely enabling the registration of dynamically generated code and corresponding unwind information. Applicants respectfully submit that, although Smith mentions an API 27, neither the API of Smith nor any other element described by Smith provides the functionality of the API of the present claimed invention. The API 27 of Smith simply "provides an interactive user interface" (see column 4, lines 10-11, of Smith).

Specifically, Applicants respectfully submit that Smith does not show or suggest "providing an application program interface which allows said data to be registered such that dynamic registration of said dynamically generated code and said corresponding unwind information is enabled" as recited in independent Claim 1 and as similarly recited in independent Claims 5, 13 and 21, or "means for providing an application program interface which allows said data to be registered such that dynamic

registration of said dynamically generated code and said corresponding unwind information is enabled” as recited in independent Claims 9 and 29.

Therefore, Applicants respectfully submit that the present claimed invention as recited in independent Claims 1, 5, 9, 13, 21 and 29 is not shown or suggested by Smith. Accordingly, Applicants respectfully submit that the basis for rejecting Claims 1, 5, 9, 13, 21 and 29 under 35 U.S.C. § 102(e) is traversed, and that these claims are in condition for allowance. As such, Applicants respectfully submit that the basis for rejecting Claims 2, 4, 6, 8, 10, 12, 14-20, 22-28 and 30-36 under 35 U.S.C. § 102(e) is also traversed, as these claims are dependent on allowable base claims and contain additional limitations that are patentably distinguishable over Smith.

Furthermore, according to Claims 17, 25 and 33, “space for storing said application program interface invocation code sequence is reused for a second application program interface invocation code sequence for second dynamically generated code for a second function.” Applicants respectfully submit that this limitation is not shown or suggested by Smith. For this additional reason, Applicants respectfully submit that the basis for rejecting Claims 17, 25 and 33 under 35 U.S.C. § 102(e) is traversed, and that these claims are in condition for allowance.

### Conclusions

In light of the above remarks, Applicants respectfully request reconsideration of the rejected claims.

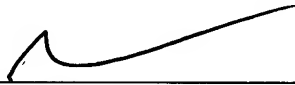
Based on the arguments presented above, Applicants respectfully assert that Claims 1-2, 4-6, 8-10 and 12-36 overcome the rejections of record and, therefore, Applicants respectfully solicit allowance of these claims.

The Examiner is invited to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Respectfully submitted,

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